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OM protein - protein search, using sw model

Run on: June 27, 2003, 18:02:20 ; Search time 48 Seconds  
(without alignments)  
34.265 Million cell updates/sec

Title: US-09-300-612-1

Perfect score: 84

Sequence: 1 LKAMDPTPLWKTE 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 424699 seqs, 109646833 residues

Total number of hits satisfying chosen parameters: 424699

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/ptodata/1/pubaa/US08\_NEW\_PUB pep.\*
- 2: /cgn2\_6/ptodata/1/pubaa/PCT\_NEW\_PUB pep.\*
- 3: /cgn2\_6/ptodata/1/pubaa/US06\_NEW\_PUB pep.\*
- 4: /cgn2\_6/ptodata/1/pubaa/US06\_PUBCOMB pep.\*
- 5: /cgn2\_6/ptodata/1/pubaa/US07\_NEW\_PUB pep.\*
- 6: /cgn2\_6/ptodata/1/pubaa/US07\_PUBCOMB pep.\*
- 7: /cgn2\_6/ptodata/1/pubaa/PCTUS\_PUBCOMB pep.\*
- 8: /cgn2\_6/ptodata/1/pubaa/US08\_PUBCOMB pep.\*
- 9: /cgn2\_6/ptodata/1/pubaa/US09\_NEW\_PUB pep.\*
- 10: /cgn2\_6/ptodata/1/pubaa/US09\_PUBCOMB pep.\*
- 11: /cgn2\_6/ptodata/1/pubaa/US10\_NEW\_PUB pep.\*
- 12: /cgn2\_6/ptodata/1/pubaa/US10\_PUBCOMB pep.\*
- 13: /cgn2\_6/ptodata/1/pubaa/US60\_NEW\_PUB pep.\*
- 14: /cgn2\_6/ptodata/1/pubaa/US60\_PUBCOMB pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	53.6	312	9	US-09-885-303A-16
2	44	52.4	37	10	US-09-864-761-45321
3	42	50.0	661	10	US-09-939-825-17
4	42	50.0	679	10	US-09-764-853-607
5	42	50.0	853	9	US-10-060-036-161
6	42	50.0	910	9	US-10-028-072-112
7	42	50.0	910	9	US-10-121-049-112
8	42	50.0	910	9	US-10-123-904-112
9	42	50.0	910	9	US-10-140-470-112
10	42	50.0	910	9	US-10-175-746-112
11	42	50.0	910	9	US-10-176-918-112
12	42	50.0	910	9	US-10-176-921-112
13	42	50.0	910	9	US-10-137-865-112
14	42	50.0	910	9	US-10-140-474-112
15	42	50.0	910	9	US-10-142-431-112
16	42	50.0	910	9	US-10-143-114-112
17	42	50.0	910	9	US-10-140-002-112
18	42	50.0	910	9	US-10-142-419-112
19	42	50.0	910	9	US-10-123-262-112

20	42	50.0	910	9	US-10-142-423-112	Sequence 112, App
21	42	50.0	910	9	US-10-121-050-112	Sequence 112, App
22	42	50.0	910	9	US-10-141-755-112	Sequence 112, App
23	42	50.0	910	9	US-10-143-032-112	Sequence 112, App
24	42	50.0	910	9	US-10-123-108-112	Sequence 112, App
25	42	50.0	910	9	US-10-123-236-112	Sequence 112, App
26	42	50.0	910	9	US-10-123-261-112	Sequence 112, App
27	42	50.0	910	9	US-10-140-921-112	Sequence 112, App
28	42	50.0	910	9	US-10-140-928-112	Sequence 112, App
29	42	50.0	910	9	US-10-121-045-112	Sequence 112, App
30	42	50.0	910	9	US-10-123-282-112	Sequence 112, App
31	42	50.0	910	9	US-10-123-903-112	Sequence 112, App
32	42	50.0	910	9	US-10-124-819-112	Sequence 112, App
33	42	50.0	910	9	US-10-124-822-112	Sequence 112, App
34	42	50.0	910	9	US-10-140-925-112	Sequence 112, App
35	42	50.0	910	9	US-10-160-498-112	Sequence 112, App
36	42	50.0	910	9	US-10-121-041-112	Sequence 112, App
37	42	50.0	910	9	US-10-121-043-112	Sequence 112, App
38	42	50.0	910	9	US-10-121-047-112	Sequence 112, App
39	42	50.0	910	9	US-10-123-215-112	Sequence 112, App
40	42	50.0	910	9	US-10-123-902-112	Sequence 112, App
41	42	50.0	910	9	US-10-123-908-112	Sequence 112, App
42	42	50.0	910	9	US-10-123-909-112	Sequence 112, App
43	42	50.0	910	9	US-10-123-910-112	Sequence 112, App
44	42	50.0	910	9	US-10-124-813-112	Sequence 112, App
45	42	50.0	910	9	US-10-124-817-112	Sequence 112, App

#### ALIGNMENTS

##### RESULT 1

US-09-885-303A-16

; Sequence 16, Application US/09885303A

; Publication No. US20030032078A1

; GENERAL INFORMATION:

; APPLICANT: TRAVIS, GABRIEL H.

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT OF MACULAR

; FILE REFERENCE: UTSD:758US

; CURRENT APPLICATION NUMBER: US/09/885,303A

; CURRENT FILING DATE: 2001-06-19

; PRIOR APPLICATION NUMBER: 60/263,837

; PRIOR FILING DATE: 2001-01-23

; NUMBER OF SEQ ID NOS: 24

; SOFTWARE: Patent In Ver. 2.1

; SEQ ID NO 16

; LENGTH: 312

; TYPE: PRT

; ORGANISM: Bos taurus

US-09-885-303A-16

Query Match

Best Local Similarity 53.6%; Score 45; DB 9; Length 312;

Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 14

Db 268 LKAMDPSGSLYVRT 281

##### RESULT 2

US-09-864-761-45321

; Sequence 45321, Application US/09864761

; Patent No. US20020048763A1

; GENERAL INFORMATION:

; APPLICANT: Penn, Sharron G.

; APPLICANT: Rank, David R.

; APPLICANT: Harzel, David K.

; APPLICANT: Chen, Wensheng

; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO

; FILE REFERENCE: Aemica-X-1

; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 45321  
; LENGTH: 37  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO A1133458.11  
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.72  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.68  
; OTHER INFORMATION: SWISSPROT HIT: O53951, EVALUE 6.40e+00  
; OTHER INFORMATION: EST\_HUMAN HIT: A1986481.1, EVALUE 6.00e-16  
US-09-864-761-45321

Query Match 52.4%; Score 44; DB 10; Length 37;  
Best Local Similarity 46.2%; Pred. No. 2.7;  
Matches 6; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2 KAMDPTPLWKIT 14  
| : | | | : : :  
Db 5 KSMGAPPRWMS 17

RESULT 3  
US-09-939-825-17  
; Sequence 17, Application US/09939825  
; Patent No. US20020151009A1  
; GENERAL INFORMATION:  
; APPLICANT: NI et al.  
; TITLE OF INVENTION: P0046P1  
; FILE REFERENCE: Human Polynucleotides, Polypeptides, and Antibodies  
; CURRENT APPLICATION NUMBER: US/09/939,825  
; CURRENT FILING DATE: 2001-08-28  
; PRIOR APPLICATION NUMBER: PCT/US01/05498

; PRIOR FILING DATE: 2001-02-22  
; PRIOR APPLICATION NUMBER: 60/184,664  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: 60/189,874  
; PRIOR FILING DATE: 2000-03-16  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 17  
; LENGTH: 661  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-939-825-17

Query Match 50.0%; Score 42; DB 10; Length 661;  
Best Local Similarity 46.7%; Pred. No. 1.2e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 1 LKAMDPTPLWKITE 15  
: : | | | | : :  
Db 257 IECVDPTEPHWNTDTE 271

RESULT 4  
US-09-764-853-607  
; Sequence 607, Application US/09764853  
; Patent No. US20020090672A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PJ206  
; CURRENT APPLICATION NUMBER: US/09/764,853  
; CURRENT FILING DATE: 2001-01-17  
; Prior application data removed - consult PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 939  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 607  
; LENGTH: 679  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-764-853-607

Query Match 50.0%; Score 42; DB 10; Length 679;  
Best Local Similarity 46.7%; Pred. No. 1.2e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 1 LKAMDPTPLWKITE 15  
: : | | | | : :  
Db 262 IECVDPTEPHWNTDTE 276

RESULT 5  
US-10-060-036-161  
; Sequence 161, Application US/10060036  
; Publication No. US20030073144A1  
; GENERAL INFORMATION:  
; APPLICANT: Benson, Darin R.  
; APPLICANT: Kalos, Michael D.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Persing, David H.  
; APPLICANT: Hepler, William T.  
; APPLICANT: Jiang, Yugu  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
; FILE REFERENCE: 210121.566  
; CURRENT APPLICATION NUMBER: US/10/060,036  
; CURRENT FILING DATE: 2002-01-30  
; NUMBER OF SEQ ID NOS: 4560  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 161  
; LENGTH: 853  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-060-036-161

Query Match 50.08; Score 42; DB 9; Length 853;  
Best Local Similarity 46.78; Pred. No. 1.6e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15  
Db 436 IECVDPTPEHNDTE 450

## RESULT 6

US-10-028-072-112

Sequence 112, Application US/10028072

Publication No. US20030004311A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang

TITLE OF INVENTION:

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/028.072

CURRENT FILING DATE: 2001-12-19

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

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PRIOR FILING DATE: 1997-09-19

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PRIOR FILING DATE: 1997-09-24

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

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PRIOR FILING DATE: 1997-10-17

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PRIOR FILING DATE: 1997-10-17

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PRIOR FILING DATE: 1997-10-24

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PRIOR FILING DATE: 1997-10-24

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PRIOR FILING DATE: 1997-10-24

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PRIOR FILING DATE: 1997-10-31

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PRIOR FILING DATE: 1997-10-24  
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;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090863  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/091360  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091982  
;; PRIOR FILING DATE: 1998-07-07

Query Match 50.0%; Score 42; DB 9; Length 910;  
Best Local Similarity 46.7%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;  
QY 1 LKAMDPTPLWKTE 15  
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DB 506 IECVDPTPEHNDTE 520  
RESULT 7  
US-10-121-049-112  
; Sequence 112, Application US/10121049  
; Publication No. US20030022328A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C17  
; CURRENT APPLICATION NUMBER: US/10/121,049  
; CURRENT FILING DATE: 2002-04-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 112  
; LENGTH: 910  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-121-049-112

Query Match 50.0%; Score 42; DB 9; Length 910;  
Best Local Similarity 46.7%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 1 LKAMDPTPLWKTE 15  
DB 506 IECVDPTPEHNDTE 520  
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RESULT 8  
US-10-123-904-112  
; Sequence 112, Application US/10123904  
; Publication No. US20030022328A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C54  
; CURRENT APPLICATION NUMBER: US/10/123,904

; CURRENT FILING DATE: 2002-04-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 112  
; LENGTH: 910  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-123-904-112

Query Match 50.08; Score 42; DB 9; Length 910;  
Best Local Similarity 46.7%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15  
Db 506 IECVDPTEPHWNDTE 520

## RESULT 9

US-10-140-470-112  
; Sequence 112, Application US/10140470  
; Publication No. US20030022331A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C160  
; CURRENT FILING DATE: 2002-05-06  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 112  
; LENGTH: 910  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-140-470-112

Query Match 50.08; Score 42; DB 9; Length 910;  
Best Local Similarity 46.7%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15  
Db 506 IECVDPTEPHWNDTE 520

## RESULT 10

US-10-175-746-112  
; Sequence 112, Application US/10175746  
; Publication No. US20030027270A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C353

; CURRENT APPLICATION NUMBER: US/10/175,746  
; CURRENT FILING DATE: 2002-06-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 112  
; LENGTH: 910  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-175-746-112

Query Match 50.08; Score 42; DB 9; Length 910;  
Best Local Similarity 46.7%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15  
Db 506 IECVDPTEPHWNDTE 520

## RESULT 11

US-10-176-918-112  
; Sequence 112, Application US/10176918  
; Publication No. US20030027275A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C382

; CURRENT APPLICATION NUMBER: US/10/176,918  
; CURRENT FILING DATE: 2002-06-20  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 112  
; LENGTH: 910  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-176-918-112

Query Match 50.08; Score 42; DB 9; Length 910;  
Best Local Similarity 46.7%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15

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Db      506 IECVDPTEPHWNDTE 520
:::|||||
RESULT 12
US-10-176-921-112
; Sequence 112, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 112
; LENGTH: 910
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-921-112
```

```
Query Match      50.0%; Score 42; DB 9; Length 910;
Best Local Similarity 46.7%; Pred. No. 1.7e+02;
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;
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```
QY      1 LKAMDPTPLWKTE 15
:::|||||
Db      506 IECVDPTEPHWNDTE 520
```

```
RESULT 13
US-10-137-865-112
; Sequence 112, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
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; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 112
; LENGTH: 910
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-112
```

```
Query Match      50.0%; Score 42; DB 9; Length 910;
Best Local Similarity 46.7%; Pred. No. 1.7e+02;
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;
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```
QY      1 LKAMDPTPLWKTE 15
:::|||||
Db      506 IECVDPTEPHWNDTE 520
```

```
RESULT 14
US-10-140-474-112
; Sequence 112, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 112
; LENGTH: 910
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-474-112
```

```
Query Match      50.0%; Score 42; DB 9; Length 910;
Best Local Similarity 46.7%; Pred. No. 1.7e+02;
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;
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```
QY      1 LKAMDPTPLWKTE 15
:::|||||
Db      506 IECVDPTEPHWNDTE 520
```

```
RESULT 15
US-10-142-431-112
; Sequence 112, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
```

; APPLICANT: Gao,Wei-Qiang  
; APPLICANT: Gerritsen,Mary E.  
; APPLICANT: Goddard,Audrey  
; APPLICANT: Godowski,Paul J.  
; APPLICANT: Gurney,Austin L.  
; APPLICANT: Sherwood,Steven  
; APPLICANT: Smith,Victoria  
; APPLICANT: Stewart,Timothy A.  
; APPLICANT: Tumas,Daniel  
; APPLICANT: Watanabe,Colin K  
; APPLICANT: Wood,William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC251  
; CURRENT APPLICATION NUMBER: US/10/142,431  
; CURRENT FILING DATE: 2002-05-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 112  
; LENGTH: 910  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-142-431-112

Query Match 50.0%; Score 42; DB 9; Length 910;  
Best Local Similarity 46.7%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Oy 1 LKAMDPTPLWKTE 15  
:::| | | | |  
Db 506 IECVDPTPEHNDTE 520

Search completed: June 27, 2003, 18:11:11  
Job time : 50 secs

